

A B S T R A C T

A waveguide type optical device has an optical waveguide formed on a substrate, functional optical waveguides provided to the optical waveguide, at least one of an optical input end face and an optical output end face for the optical waveguide which are provided to substrate end faces which are ends at longitudinal direction sides of the substrate, and at least one of an input optical waveguide connecting the optical input end face and the functional optical waveguides, and an output optical waveguide connecting the optical output end face and the functional optical waveguides. At least one of the input optical waveguide and the output optical waveguide is formed so as to form angles other than 0 with the functional optical waveguides at the at least one of the optical input end face and the optical output end face, and so as to make angles formed to the substrate end faces at the respective sides different from 90°.